Dental Hygienist Seminar in Dubai: 03 November 2017

By Dental Tribune MEA / CAPPmea

DUBAI, UAE: On 03 November 2017, Centre for Advanced Professional Practices (CAPP Events) in partnership with Colgate Oral Care Academy will once again feature as Title Sponsor of the seminar – an established spin-off platform of the successful five-year-old Dental Hygienist Seminar, known for scientifically based presentations aimed at updating dental hygienists. The oral care giant is known for its commitment to improve oral health through the development of leading-edge technologies that achieve the highest standards of patient care and safety.

Dental Hygienists – Welcome to Dubai
Save the date ‘Friday 04 November’ and join fellow dental hygienists from across the world who share a similar passion in oral health care.

The theme of this year’s seminar is “Exploring the possibilities in the arena of dental hygiene” comprising of seven non-biased scientific lectures and hands-on courses focusing on various aspects of the profession including:

• Periodontal Treatment
• Oral Cancer
• Polishing, Instrumentation & Sharpening
• Oral maintenance in the implants prosthetic phase
• Prevention of dental disease
• Treating Bleeding Gums, Sensitivity and Deep Pockets
• Anaesthesia, infection control & occupational health safety
• Maintaining gingival health and prevention
• Infection Control
• Dental X-Rays

Following a series of four successful dedicated educational programs, CAPP continues its commitment to dentistry and proper oral health care for the benefit of the patient. The organization of such focused professional events is an underlining of this obligation. The list of speakers has been carefully evaluated and selected by an independent scientific panel based on surveyed demands of the regions’ dental professionals. The presentations will be strictly scientific orientated around the theme with CAPP following the strict guidelines of ADA C.E.R.P as a recognized provider of continuing education.

Multiple international speakers will give their best interpretations of what is important according to this year’s theme. Participants will be able to receive up to 7 ADA C.E.R.P. CE Credits after successfully attending all lectures. Further accreditations are expected by Health Authority Abu Dhabi (HAAD) and Dubai Health Authority (DHA).

We look forward to welcoming you to the event.

Who Should Attend
• Dental Hygienists
• Dental Assistants
• Dental Team
• General Practitioners
• Trade Visitors
• All with a passion for Dental Hygiene

King’s College London leads international review of dental caries

A new authoritative international review of the field of dental caries, led by King’s College London Dental Institute, has been published recently in the journal Nature Reviews – Disease Primers.

This prestigious review of the field of dental caries, led by Professor Nigel Pitts, Director of the Dental Innovation and Translation Centre at King’s, brings together a wide range of international scientists from around the globe to share their insights on the subject. It is an up-to-date and authoritative overview of this complex and important disease which continues to cause major health, economic and social burdens and which impacts on quality of life.

Published in Nature Reviews on May 25, 2017, the paper provides a global overview of caries, acknowledging the historical era dominated by restoration of tooth decay by surgical means, but focuses on current, progressive and more holistic long-term, patient-centred, tooth-preserving preventative care.

Professor Pitts said: “It is important to understand the complex causes of this biofilm mediated, sugar-driven, multifactorial, dynamic disease if we are to be able to provide effective prevention and control of caries, for both patients and populations.”

Applying evidence-based practice in oral hygiene education

**By Philips Sonicare**

I’ve worked as a Dental Hygienist for the last 11 years after qualifying in the Royal Air Force in 1996, having practised throughout the United Kingdom in a whole range of settings, from military, NHS hospital, private practice, mobile dental units at humanitarian events and a mobile clinic in Kenya. Currently I’m working in a private practice in Dubai and delighted to be a Key Opinion Leader for Philips Throughout that time I’ve consistently recommended one brand to my patients and anyone else asking for help choosing an elec-
tric toothbrush. Clinically, I see the improvement in oral health when people begin using a Philips Sonicare and most recently the DiamondClean range.

**Introduction**

Philips Sonicare have reinforced their commitment to patient and professional partnership by continu-
ously developing new products, which undergo rigorous testing and clinical trials to demonstrate the safety and efficacy of their products. Philips is committed to improving the lives of millions of people a year by 2025, through their ongoing collaboration with scientific experts, research int-
erns and dental professionals.

As the associations between oral and systemic health grow year on year, including serious conditions such as diabetes, atherosclerosis, preterm/ low birth weight babies, Alzheimer’s disease, chronic kidney disease and certain cancers (Craig & Kamer, 2016), we know that gingival inflam-
mati on and periodontal disease is initiated by the combined microbial biofilm, plaque, and the destruction of the supporting tissues including the periodontal ligament. Bone and cementum is mainly caused by the host-mediated innate and adaptive immune response (Craig & Kamer, 2016). Periodontal disease is the most prevalent ailment affecting mankind globally. It is a complex and severe peri-
odontitis is responsible for the absolute majority of tooth loss and eden-
tal losses in adults (Jin et al. 2016). Clinical exams are looking for the most reliable and evidence-based aids to enable their patients to take control of their oral health. With the release of the latest studies found in A Special Issue of the Jour-
nal of Clinical Dentistry carried out by Philips, I can be sure that the ad-
tive I’m giving patients is evidence based, high on the evidence pyramid and systematic reviews with meta-
analysis which provide a reliable review because they integrate all the relevant evidence (Berlin & Golub, 2014). The meta-analysis comparing the effectiveness of manual versus high frequency, high-amplitude sonic powered toothbrushes showed plaque removal was increased by 20% and a decrease in gingivitis of 16% compared to manual. This demonstrates the system inating the oral health improvement and not only the patient’s oral health as a whole.

To encourage people to swap from a manual to an electric toothbrush, I tell them it’s like comparing riding a bicycle with a motorcycle. One is much more efficient and doing the work for you! This is confirmed by studies comparing gingivitis reduction using a Philips Sonicare DiamondClean manual toothbrush, after just 2 weeks the Di-

**An Evidence-based Approach to Daily Plaque Control and Gingival Health**

New Philips Sonicare clinical studies in brief

- **Study 1**
  - **Comparison of Gingivitis Reduction and Plaque Removal by Philips Sonicare DiamondClean and a Manual Toothbrush**
  - *J Clin Dent 2017;28(Spec Iss A):A1-6*
  - *Craig R and Kamer A. Introduction to Periodontal Diseases. Springer Berlin Heidelberg. (2016) doi.10.1007/978-3-
    - 622-95659-9_2*
  - De lager m, Rmmale A, Darch O, Bik-
    - ker I.W. The Effectiveness of Manual versus High-Frequency, High-Am-

- **Study 2**
  - **Comparison of Plaque and Gingivitis Reduction by Philips Sonicare Flexcare Platinum with Premium Power Plaque Control Brush**
  - *J Clin Dent 2017;28(Spec Iss A):A29-35*
  - *Heidelberg. (2016) doi.10.1007/978-3-
    - 622-95659-9_2*
  - De lager m, Rmmale A, Darch O, Bik-
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- **Study 3**
  - **The Effectiveness of Manual versus High-Frequency, High-Resolution, Sonic Powered Toothbrushes for Oral Health: A Meta-Analysis**
  - *J Clin Dent 2017;28(Spec Iss A):A13-28*
  - *Craig R and Kamer A. Introduction to Periodontal Diseases. Springer Berlin Heidelberg. (2016) doi.10.1007/978-3-
    - 622-95659-9_2*
  - De lager m, Rmmale A, Darch O, Bik-
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- **Study 4**
  - **An Assessment of Gingivitis Reduction and Plaque Removal by Philips Sonicare Diamond Clean with Premium Plaque Control Brush Head and Oral-B 7000 with Curretting Brush Head**
  - *J Clin Dent 2017;28(Spec Iss A):A10-16*

<table>
<thead>
<tr>
<th>Products</th>
<th>Subjects</th>
<th>Design</th>
<th>Results - Percent reduction of Week 4</th>
<th>Key conclusion</th>
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<tbody>
<tr>
<td>Philips Sonicare DiamondClean</td>
<td><em>Control Brush Head</em> and Oral-B 7000 with CrossAction Brush Head</td>
<td>Randomized, parallel, single-blind</td>
<td><strong>25.5%</strong></td>
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**Key conclusion**

Comparison of Philips Sonicare DiamondClean and a Manual Toothbrush with only 1%** **reducing in gingival bleeding compared with 31.4% using a manual toothbrush (DeLaurenti et al. 2017).

Patients often ask which model should I buy, there are so many! The high frequency, high-amplitude technology applied to all Philips Sonicare brushes are looking at comparing the Sonicare Flexcare Platinum and Premium plaque de-

**References**

- Berlin J, Golub BM. Meta-analysis as Evidence Building a Better Pyra-
- Craig R and Kamer A. Introduction to Periodontal Diseases. Springer Berlin Heidelberg. (2016) doi.10.1007/978-3-
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**Editorial note:** The complete reference list is available from the publisher.

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**Key conclusion**

Comparison of Philips Sonicare DiamondClean and a Manual Toothbrush with only 17% using a manual tooth-

**therapy, encouraging patient compl-

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- Craig R and Kamer A. Introduction to Periodontal Diseases. Springer Berlin Heidelberg. (2016) doi.10.1007/978-3-
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The risks that carbonated soft drinks, alcoholic mixers and wine pose to your patients’ teeth are well-known – increased consumption of acidic food and drinks can lead to tooth erosion and hypersensitivity.

However, even your patients following a healthy lifestyle may be at risk due to the acidic nature of fruit juices and sports drinks.¹ Hypersensitivity results when the tiny dentine channels directly linking to nerves in the tooth become exposed and is associated with pain and discomfort triggered by heat, cold or touch.

Addressing hypersensitivity is crucial for providing relief to your patients.

**COLGATE® SENSITIVE PRO-RELIEF™ TOOTHPASTE TARGETS HYPERSENSITIVITY FOR FAST PAIN RELIEF**²

The Pro-Argin™ Technology of Colgate® Sensitive Pro-Relief™ toothpaste physically seals dentine tubules with a plug that contains arginine, calcium carbonate and phosphate. The plug effectively reduces dentine fluid flow reducing sensitivity and relieving pain in seconds.*²,³

**COLGATE® SENSITIVE PRO-RELIEF™ IS CLINICALLY PROVEN TO RELIEVE PAIN IN SECONDS**²

In a double-blind, parallel group study, 120 patients directly applied either Colgate® Sensitive Pro-Relief™ toothpaste, a regular desensitising toothpaste† or a regular toothpaste‡ to sensitive teeth. Change in hypersensitivity was assessed using air blast sensitivity scores, where a lower score indicates better pain relief.

Not only did Colgate® Sensitive Pro-Relief™ provide instant relief of dentine hypersensitivity, both immediately after direct application and after 3 days of use, but it also provided superior pain relief when compared with the other toothpastes.

**INSTANT AIR BLAST SENSITIVITY RELIEF IN VIVO**

![Graph showing air blast sensitivity scores](image)

Recommend Colgate® Sensitive Pro-Relief™ to your patients suffering from hypersensitivity due to acidic tooth erosion – clinically proven to treat hypersensitivity and relieve pain fast.*²

*When toothpaste is directly applied to each sensitive tooth for 60 seconds.
† Containing 5% potassium nitrate and 1450 ppm fluoride as sodium fluoride.
‡ Containing 1450 ppm fluoride as MFP.

References:
WHY JUST MASK SENSITIVITY?
SEE THE DIFFERENCE COLGATE® MAKES FOR PATIENTS

Repairs sensitive areas of the teeth and is 2X more effective.*1

MASKING LIMITS RELIEF
Potassium-based toothpastes mask pain by desensitising the nerve, but leave dentin exposed

REPAIRING IS SUPERIOR WITH COLGATE® SENSITIVE PRO-RELIEF™
• Unique Pro-Argin™ technology works upon contact with saliva to build a calcium-rich layer
• Instant relief and 2X more effective*1

Most patients who use Colgate® Sensitive Pro-Relief™ are able to enjoy life sensitivity-free†
For more information, visit colgateprofessional.com/cspr

*vs potassium-based toothpaste. †Patient Experience Study, EU 2015, IPSOS.